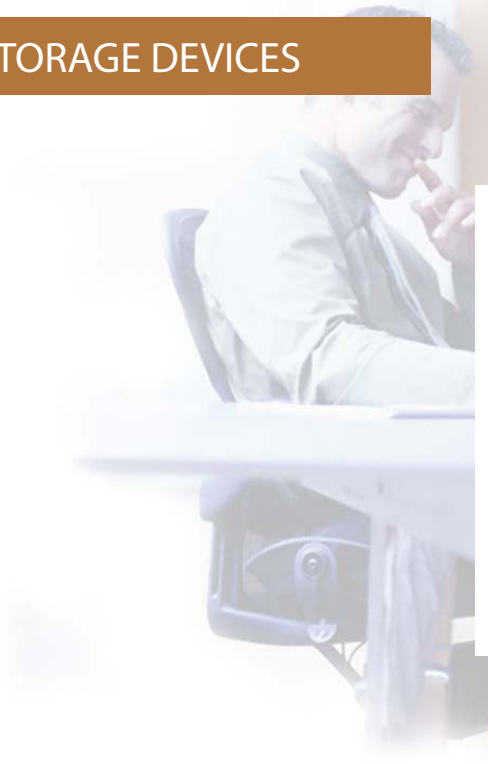
# GBW-H10N



MAIN FEATURES

- DVD-RAM 12x recording
- All formats compatible (DVR+/-R, -RAM,CD-R,RW)
- 16x DVD+R Double Layer, 4x DVD-R Dual Layer Support (Up to 8.5G)
- Blue Ray Rewriter

| Specifications | | |
|---|---|---|
| Speed | Write | BD-R(SL) 2x, 4x CLV BD-RE(SL) 2x CLV |
| | | BD-R/RE(DL) not support |
| | | DVD-R 2x, 4x CLV, 8x ZCLV, 12x PCAV |
| | | DVD-R(DL) 2x, 4x CLV |
| | | DVD-RW 1x, 2x, 4x, 6x CLV |
| | | DVD-RAM 2x, 3x ZCLV, 3x-5x PCAV |
| | | DVD+R 2.4x, 4x CLV, 12x ZCLV, 12x PCAV |
| | | DVD+R( DL) 2.4x , 4x CLV |
| | | DVD+RW 2.4x, 4x CLV, 6x, 8x ZCLV |
| | | (High Speed DVD+RW: 6x, 8x ZCLV) |
| | | CD-R 4x, 8x CLV |
| | | CD-RW 4x, 10x CLV (High Speed 10x) |
| | | (Ultra Speed/ Ultra Speed Plus: no support) |
| | Read | BD-ROM(SL) 4.8x max. BD-ROM(DL) 4x max. |
| | | BD-R(SL) 4.8x max. BD-RE(SL) 2x CLV |
| | | BD-R/RE(DL) no support |
| | | DVD-R/RW/ROM(SL/DL) 10x/10x/16x/8x max. |
| | | DVD-R DL 8x max. |
| | | DVD-RAM (Ver.2.2) 2x, 3x ZCLV, 3x-5x PCAV |
| | | DVD-Video (CSS Compliant Disc) |
| | | 8x max.(S/ Dual layer) |
| | | DVD+R/+RW 10x/10x max. DVD+R DL 8x max. |
| | | CD-R/RW/ROM 40x max. CD-DA (DAE)40x max |
| Data Transfer Rate | | BD-ROM 172.632 Mbits/s (4.8x) max. |
| | | DVD-ROM 22.16 Mbytes/s 16x) max. |
| | | CD-ROM 6,000 kB/s (40x) max. |
| Access Time | | BD-ROM: 170ms typ |
| | | DVD-ROM 180ms typ |
| | | DVD-RAM: Ver.2.2) 190ms typ. |
| | | CD-ROM: 170ms typ. |
| Buffer Size | | CD, DVD 2MB, BD 4MB |
| Loading Type | | Drawer type manual load / Electrical release |

| | |
|---|---|
| Interface Type | X3T13 ATA/ATAPI5/1321D |
| | INF-8090i Rev.6.0 |
| | INCITS xxx T10/1675D |
| | Revision 2b |
| Write Method | (1) BD-RE Random Write |
| | (2) BD-R Sequential Recording Mode |
| | with Pseudo-Overwrite |
| | Sequential Recording Mode without Pseudo-Overwrite |
| | (3) DVD-R/RW Disc at Once, Incremental Recording |
| | Restricted Overwrite (DVD-RW only) |
| | (4) DVD-R DL Disc at Once, Incremental Recording |
| | Layer Jump Recording |
| | (5) DVD-RAM/+RW Random Write |
| | (6) DVD+R Sequential Recording |
| | (7) DVD+R DL Sequential Recording |
| | (8) CD-R/RW Disc at Once (DAO), Session |
| | at Once (SAO) Track at Once (TAO), Packet Writing |

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## DIGITAL STORAGE DEVICES

| Specifications | | |
|---|---|---|
| Compatible Formats | BD | BD-ROM SL 25GB (Ver.1.2) BD-ROM DL 50GB (Ver.1.2) |
| | | BD-RE SL 25GB (Ver.2.0) DL not support |
| | | BD-R SL 25GB (Ver.1.0) DL not support |
| | DVD | DVD-ROM 4.7GB(Single Layer) 8.5GB(Dual Layer) |
| | | DVD-R SL 1.46GB/4.7GB (Ver.2.1 for General) |
| | | DL 2.66GB/8.5GB (Ver. 3.0) |
| | | DVD-RW 1.46GB/4.7GB(Ver.1.2/Rev1.0,2.0,3.0) |
| | | DVD-RAM 1.46GB/side, 4.7GB/side(Ver. 2.2) |
| | | DVD+R SL 4.7GB (Ver.1.3) DL 8.5GB (Ver.1.1) |
| | | DVD+RW 4.7GB (Vol.1/Ver.1.3,Vol.2/Ver.1.0) |
| | CD | CD-ROM Mode-1 data disc, CD-ROM Mode-2 data disc |
| | | CD-ROM XA, CD-I, Photo-CD Multi-Session, Video CD |
| | | CD-Audio Disc, Mixed mode CD-ROM disc (data&audio) |
| | | CD-Extra, CD-Text |
| | | CD-R (Conforming to "Orange Book Part 2": read&write) |
| | | CD-RW (Conforming to "Orange Book Part 3": read&write) |
| W x D x H (mm) | | 162 x 51 x 277 mm, Max 1500g |
| O/S | | Windows XP Home Edition, Professional, Media Center Edition |

| Specifications | | |
|---|---|---|
| AV capture | | |
| Compatible Formats | Write | DVD-RAM, DVD-R/RW, DVD+R/RW, CD-R/RW |
| | Read | DVD-RAM, DVDR/RW, DVD+R/RW, DVD-ROM |
| | | CD-R/RW, CD-ROM Mode 1, 2 CD-DA, |
| | | CD-IFMV, |
| | | CD-ROM XA, Mixed CD, CD-Extra, CD-Text |
| | | CD-Plus, Photo-CD, Video CD |
| W x D x H (mm) | | 160 x 230 x 50 |
| Weight (g) | | 1259.5 (net) |
| O/S | | Windows 3.1, 95, 98, 98 SE, ME, 2000 Professional, |
| | | Windows 2000 Professional, XP Home & Prof. |

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